

Isaias Ramirez-Vazquez

List of Publications by Year in descending order

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25
papers

461
citations

840776
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all docs

25
docs citations

25
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	Erosion resistance and mechanical properties of silicone nanocomposite insulation. IEEE Transactions on Dielectrics and Electrical Insulation, 2009, 16, 52-59.	2.9	62
2	Nanofilled silicone dielectrics prepared with surfactant for outdoor insulation applications. IEEE Transactions on Dielectrics and Electrical Insulation, 2008, 15, 228-235.	2.9	54
3	Comparison of the erosion resistance of silicone rubber and EPDM composites filled with micro silica and ATH. IEEE Transactions on Dielectrics and Electrical Insulation, 2012, 19, 218-224.	2.9	52
4	Measurement of leakage current for monitoring the performance of outdoor insulators in polluted environments. IEEE Electrical Insulation Magazine, 2012, 28, 29-34.	0.8	50
5	DC inclined-plane tracking and erosion test of insulating materials. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 211-217.	2.9	44
6	RTV silicone rubber pre-coated ceramic insulators for transmission lines. IEEE Transactions on Dielectrics and Electrical Insulation, 2013, 20, 237-244.	2.9	42
7	Performance of silicone rubber nanocomposites in salt-fog, inclined plane, and laser ablation tests. IEEE Transactions on Dielectrics and Electrical Insulation, 2010, 17, 206-213.	2.9	38
8	Experiences on pollution level measurement in Mexico. Electric Power Systems Research, 2005, 76, 58-66.	3.6	19
9	Analysis of accelerated ageing of non-ceramic insulation equipments. IET Generation, Transmission and Distribution, 2012, 6, 59.	2.5	16
10	Application of nano particles for the modification of high voltage insulators. IEEE Transactions on Dielectrics and Electrical Insulation, 2013, 20, 2262-2269.	2.9	15
11	Electric-Field Analysis of Spacer Cable Systems for Compact Overhead Distribution Lines. IEEE Transactions on Power Delivery, 2012, 27, 2312-2317.	4.3	12
12	Diagnostics for nonceramic insulators in harsh environments. IEEE Electrical Insulation Magazine, 2009, 25, 28-33.	0.8	10
13	Analysis of temperature profiles and protective mechanism against dry-band arcing in silicone rubber nanocomposites. IEEE Transactions on Dielectrics and Electrical Insulation, 2010, 17, 597-606.	2.9	9
14	Evaluation of and Replacement Strategies for Aged High-Voltage Toughened Glass-Suspension Insulators. IEEE Transactions on Power Delivery, 2015, 30, 1145-1152.	4.3	8
15	Tracking and erosion requirements for high voltage silicone rubber insulators. , 2016, , .		8
16	Composite Materials As an Alternative to Replace Steel Members on Lattice Power Transmission Towers. Journal of Materials in Civil Engineering, 2016, 28, 04015151.	2.9	7
17	Analysis of the Mexican lightning activity monitored by NASA satellites. Electric Power Systems Research, 2004, 72, 187-193.	3.6	4
18	Performance of a spacer cable system under polluted conditions. IEEE Electrical Insulation Magazine, 2014, 30, 13-19.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Fractal analysis of nano-reinforced silicone rubber insulators evaluated on a tracking wheel. IEEE Electrical Insulation Magazine, 2014, 30, 21-27.	0.8	2
20	Evaluation in laboratory of nonceramic insulators having different leakage distance. , 2010, , .		1
21	Electrical testing of high voltage insulators reinforced with nano particles and its fractal analysis. , 2013, , .		1
22	Electric field analysis of spacer cable systems under polluted conditions. , 2014, , .		1
23	Polymeric insulators characterization aged in salt fog chamber by different techniques. , 2016, , .		1
24	Replacing steel members with composite members on transmission towers. Proceedings of Institution of Civil Engineers: Energy, 2019, 172, 26-40.	0.6	1
25	Direct Current Inclined Plane Testing on Silicone Rubber Composites Reinforced with Silica Nano Particles. Journal of Nano Research, 0, 71, 135-149.	0.8	0